

Karen



United States
Department of
Agriculture

Forest
Service

Northeastern Area
State and Private
Forestry

180 Canfield Street
Morgantown, WV 26505-3101

File Code: 3460

Date: February 9, 2001

Mr. Steve Cinnamon
USDI National Park Service
Midwest Region
1709 Jackson Street
Omaha, NB 68102-2571

Dear Mr. Cinnamon:

A summary of the 1983-2000 gypsy moth trapping program at Hopewell Cultural National Historical Site is enclosed for your information (Table 1). A map showing trap locations is also enclosed (Figure 1). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

In 2000, a total of 7 male gypsy moths were trapped at Hopewell Cultural NHS. This is a decrease of 13 less moths trapped than last year. The Slow-the-Spread project trapping results in this area of Ohio have also indicated a decrease in moths trapped for the 2000 trapping season (Figures 2-3). Based on these results, gypsy moth populations will not have an impact on the forest resources at Hopewell Cultural NHS in the immediate future.

Last winter, Hopewell Cultural NHS personnel surveyed for gypsy moth egg masses in the vicinity of each trap site. No egg masses were found.

We would like to continue the trapping program at the same intensity in 2001. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

JOHN W. HAZEL
Field Representative

Enclosures

cc: Noel Schneeberger, AO
Jim Mickey, OHDA
Wayne Rose, Park Ranger, Hopewell Cultural NHS

KDF/blm



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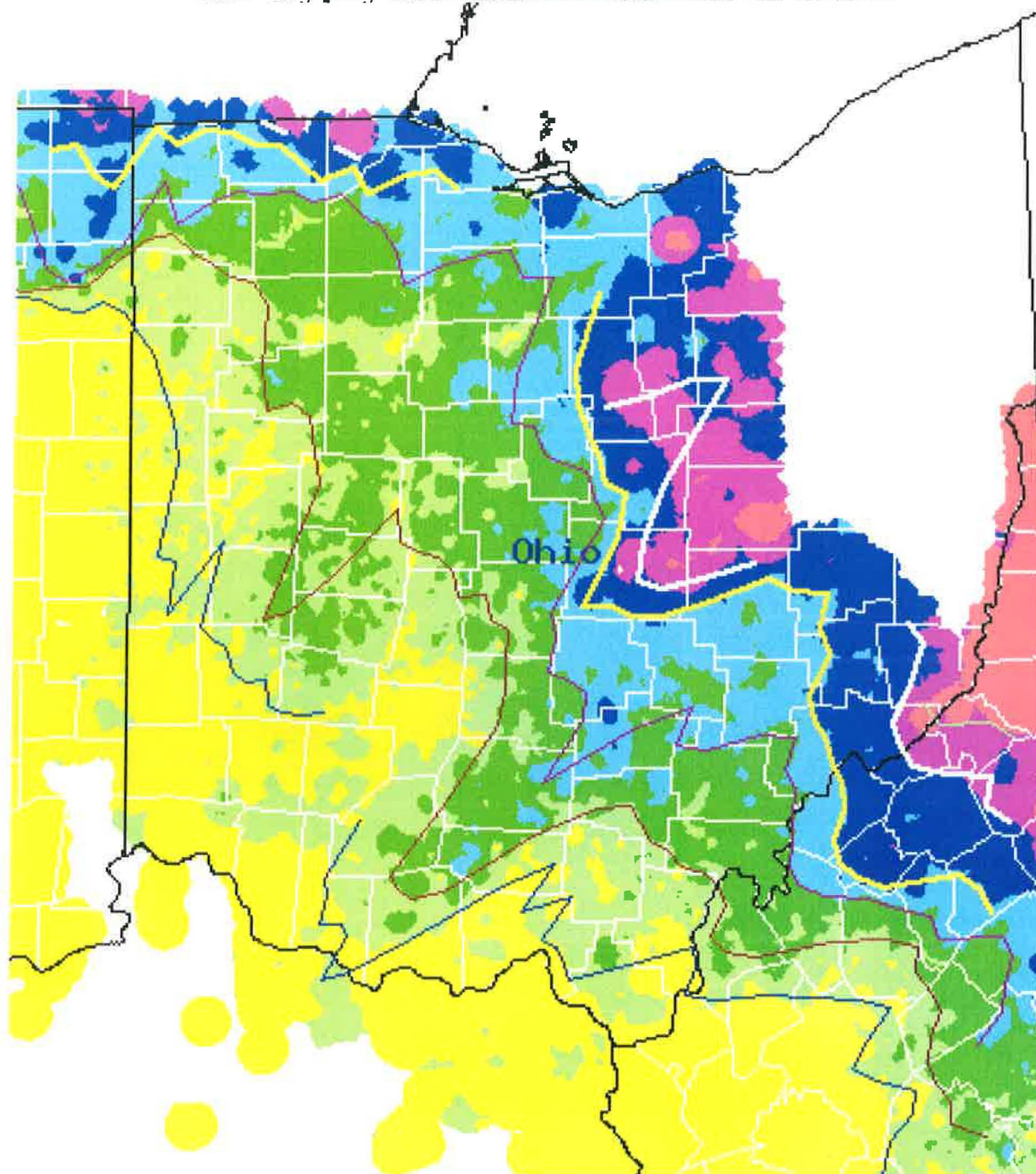
Table 1. -- Summary of the 1983-2000 gypsy moth trapping program at Hopewell Cultural National Historical Site, Midwest Region.

Hopewell Cultural National Historical Site (Rose County, OH)			
Year	Number of traps	Total moths caught	Positive catch trap number
1983	5	0	--
1984	5	0	--
1985	5	1	5
1986	5	0	--
1987	5	0	--
1988	6	0	--
1989	6	0	--
1990	6	0	--
1991	6	0	--
1992	10	0	--
1993	7	1	5
1994	7	0	--
1995	10	0	--
1996	10	1	9
1997	30	0	--
1998	30	3	1-B, 4-B 5-B Hopewell Mound Group
1999	30	20	MC2, MC7, MC8, MC10, MG1-MG7, MG9, EW1, EW7, EW8, EW10
2000	30	7	MC4, MC5, MC8, MC10, MGH, EW9

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- Trap Locations
 - 0 moths trapped (blue dot)
 - 1 moth trapped (yellow dot)
 - 2 moths trapped (red dot)
- Approximate NPS Boundary (blue outline)

Figure 2.
1999 Gypsy Moth Slow The Spread Trapping Activities Showing
the Gypsy Moth Distribution in Ohio.

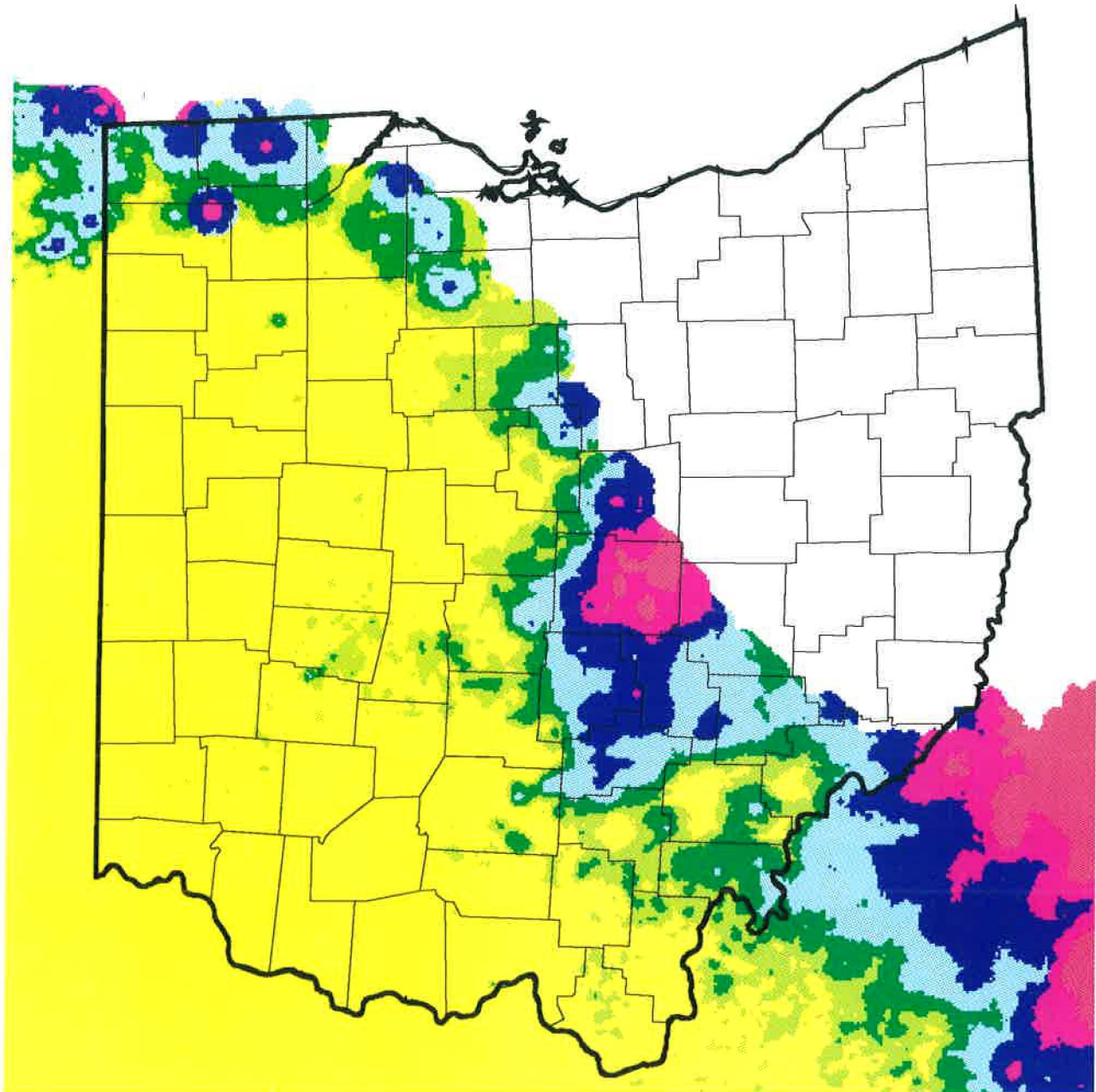


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Moth counts in traps	Population boundaries
 <1	 1-moth line
 1-3	 3-moth line
 3-10	 10-moth line
 10-30	 30-moth line
 30-100	 100-moth line
 100-300	 300-moth line
 ≥300	

Source:
 Virginia Gypsy Moth
 Information Systems Lab
 Virginia Tech
 Blacksburg, VA
<http://www.ento.vt.edu/STS/>

**Figure 3.--2000 Gypsy Moth Slow the Spread
Trapping Activities Showing the Gypsy Moth Distribution
in Ohio.**



LEGEND

Moth counts in traps



Source:
Virginia Gypsy Moth
Information Systems Lab
Virginia Tech
Blacksburg, VA

<http://www.ento.vt.edu/STS/>